CREATIVE BIOMART®
Assay Kit

# GGT Activity Fluorometric Assay Kit

## Product Information

**Cat.No.** Kit-0368

**Product Overview**

GGT Activity Assay Kit (Fluorometric) is a quantitative fluorometric determination of GGT activity.

**Description**

The Gamma-Glutamyl Transferase (GGT; EC 2.3.2.2) is an enzyme that transfers gamma-glutamyl functional groups. It is found in many tissues, the most notable one being the liver, and has significance in medicine as a diagnostic marker. GGT Activity Assay Kit (Fluorometric) provides a convenient tool for sensitive detection of the GGT in a variety of samples. The GGT in sample will recognize L-γ-Glutamyl-AMC as a specific substrate leading to proportional fluorescence development. The activity of GGT can be easily quantified fluorometrically (Ex/Em = 365/460 nm). This assay detects GGT activity as low as 0.02 mIU in sample.

**Target Species**

Mammals

**Usage**

For research use only (RUO)

**Storage**

Store the kit at -20°C, protected from light. Allow Assay Buffer to warm to room temperature before use. Briefly centrifuge vials before opening. Read the entire protocol before performing the assay.

**Kit Components**

GGT Assay Buffer. Cap code: WM. 25 mlGGT Substrate. Cap code: NM. 1 BottleGGT Positive Control. Cap code: green. 1 VialAMC Standard (1mM). Cap code: yellow. 100 µl

**Detection method** Fluorometric

**Compatible Sample Types**

Cell Lysate, Serum, Tissue Lysate

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA